SPEC SFS 1 Summary (Side 1 of 2) 097.LADDIS

Silicon Graphics
Origin200 1 x 225 MHz

Server Hardware

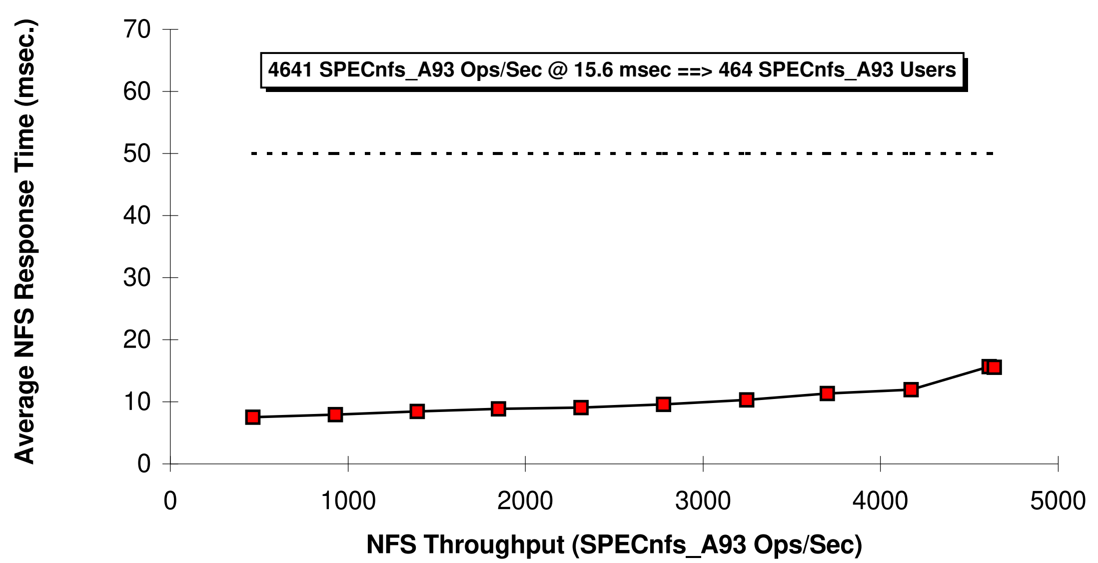
	CPU, Memory, & Power		*Disk Subsystem & Filesystems*
Model No.	L1-S6501-2		(Full Configuration on Side 2)
CPU	225 MHz R10000	Num Disk Controllers	2
# of CPUs	1	Num Disks	51
Primary Cache	32KBI+32KBD on chip	Num File Systems	50
Secondary Cache	2MB(I+D) off chip		
Other Cache	None		
Memory	512MB		*Network Subsystem*
UPS	None		(Full Configuration On Side 2)
Other hardware	100baseT Full Duplex	Num Net Controllers	2
		Num Networks	2 (N1 - N2)
		Type Network	100baseT Full Duplex

	Server Software		*Server Tuning*
OS Version	IRIX 6.5		
Other software	NFS		(Also see Notes/Tuning below)
File system	XFS	Buffer Cache Size	Dynamic
		Num NFS Daemons	62
	Load Generators (LGs)	Fileset Size	25.6GB

Number of Load Generators:	2
Processes Per Load Generator:	25
Biod_Max_Reads:	2
Biod_Max_Writes:	4

Hardware Availability:	Aug-98	Software Availability:	Jul-98
License #: 4	Tested: Jun-98	By: SGI	Of: Mountain View, CA

NFS Throughput SPECnfs_A93 Ops/Sec	Avg. Response Time (NFS) Milliseconds
463	7.5
928	7.9
1389	8.5
1849	8.9
2311	9.1
2777	9.6
3247	10.3
3701	11.3
4170	12.0
4610	15.7
4641	15.6



Notes/Summary Of Tuning Parameters: (Continued on Side 2 of 2)

ncsize=30000

All filesystems are mounted in wsync mode.

All filesystems are exported in wsync mode.

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Detailed Server Description

Network Subsystem		Disk Subsystem & Filesystems
1 - 10/100bT onboard pci ethernet controller	Disk0	Controller 1: Ultra SCSI base I/O
1 - 10/100bT pci ethernet controller	Disk1	Disks: 1 Origin 4GB
Each port wired point-to-point to one load generator	Disk2	Contents: OS, page space
	Disk3	Controllers 2: 1 PCI Fibre Channel Cards
	Disk4	Disks: 50 9.1 GB Dual Port FibreChannel Disks
	Disk5	Controller 2: Contents: FS0,1,2,3,4,......,49

Detailed Load Generator (LG) Description

Load Gen. Type	Model	# of CPUs	RAM	OS	Compiler
	Origin200 180 MHz R10000	2	64MB	IRIX 6.4 S2MP + OCTANE	IRIX Pro 7.0

Testbed Configuration

Load Gen. #	Load Gen. Type	Network	Target File Systems	Notes
1	LG1	N1	FS0-24	Default
2	LG1	N2	FS25-49	Default

Notes/Summary Of Tuning Parameters: (Continued from Side 1 of 2)